

## ***KENT-AUBURN CONVEYANCE SYSTEM IMPROVEMENTS PROJECT***

### ***New regional wastewater facilities to serve the growing population***

As part of its mission to protect public health and the environment, King County is responsible for conveying and treating wastewater collected within the county's service area. King County is committed to upgrading and improving its regional wastewater facilities to serve the growing population. We provide capacity to support planned growth, consistent with the Washington State Growth Management Act.

#### **Purpose of the Project**

Wastewater from south King County is collected by local cities and sewer districts, including the cities of Kent, Auburn, Algona, and Pacific. King County collects sewage from these local jurisdictions and carries it to the county's South Treatment Plant in Renton. The population in the south portion of our service area is growing rapidly. Because of capacity limitations in its existing pipelines (called interceptors and trunks), King County needs to provide additional capacity in the near future.

Constructed improvements will provide capacity to handle the 20-year peak flows through the year 2050. Only those pipes with capacity limitations in the year 2010 will be upgraded as part of this project. Pipes with capacity limitations in the decades after 2010

will be improved when needed. The new pipelines will provide service and operational flexibility to handle population growth in southern King County.

#### **Auburn Planning Area**

The Auburn planning area portion of the project involves pipeline improvements in the cities of Auburn, Algona and Pacific. This planning area is fairly densely populated with intermittent areas of rural land. Railroad tracks owned by Burlington Northern, Santa Fe and Union Pacific Railroads are located within the area, as are State Route 167 and Highway 18. The county operates multiple pipelines that serve this planning area and some of the solutions under consideration would reroute wastewater flow from pipes that are at or near capacity to other existing pipes with available capacity. Another solution is to add new pipelines beside or in place of existing pipelines to add capacity. An overview of the project area, moving from south to north, is provided below.

Three new pipelines will be built in this area.

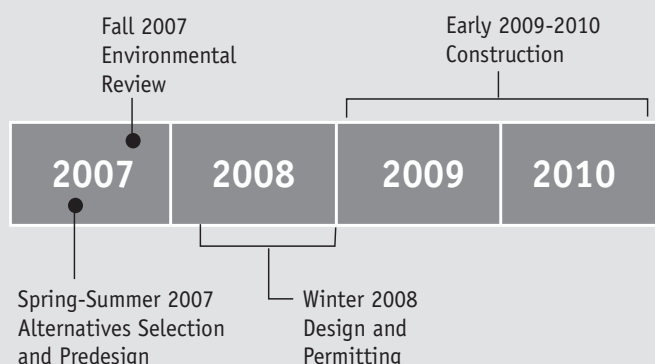
#### **1 Pacific Pump Station Force Main**

The first new pipeline will carry wastewater north from the city of Pacific to the city of Auburn. The sewer will run from the county's new Pacific Pump Station, north through the cities of Pacific and Algona to Auburn, where it will connect to the county's existing Auburn West Interceptor Sewer. Currently King County is exploring multiple routes for this alternative.

#### **2 Stuck River Trunk Sewer**

The second pipeline improvement will address the M Street Trunk Sewer in east Auburn, which is projected to exceed its capacity by 2010. A new sewer, called the Stuck River Trunk Sewer, will take flow from the south end of the M Street Trunk Sewer and route it west to the Auburn West Interceptor Sewer, which has available capacity.

#### **Anticipated Project Schedule**



The current proposed alignment alternative for the Stuck River Trunk Sewer runs west from K Street Southeast along 17th Street Southeast, beneath the BNSF Railway tracks to C Street Southwest, where it then connects to the county's existing Lakeland Hills Trunk Sewer. Other routes are also being considered.

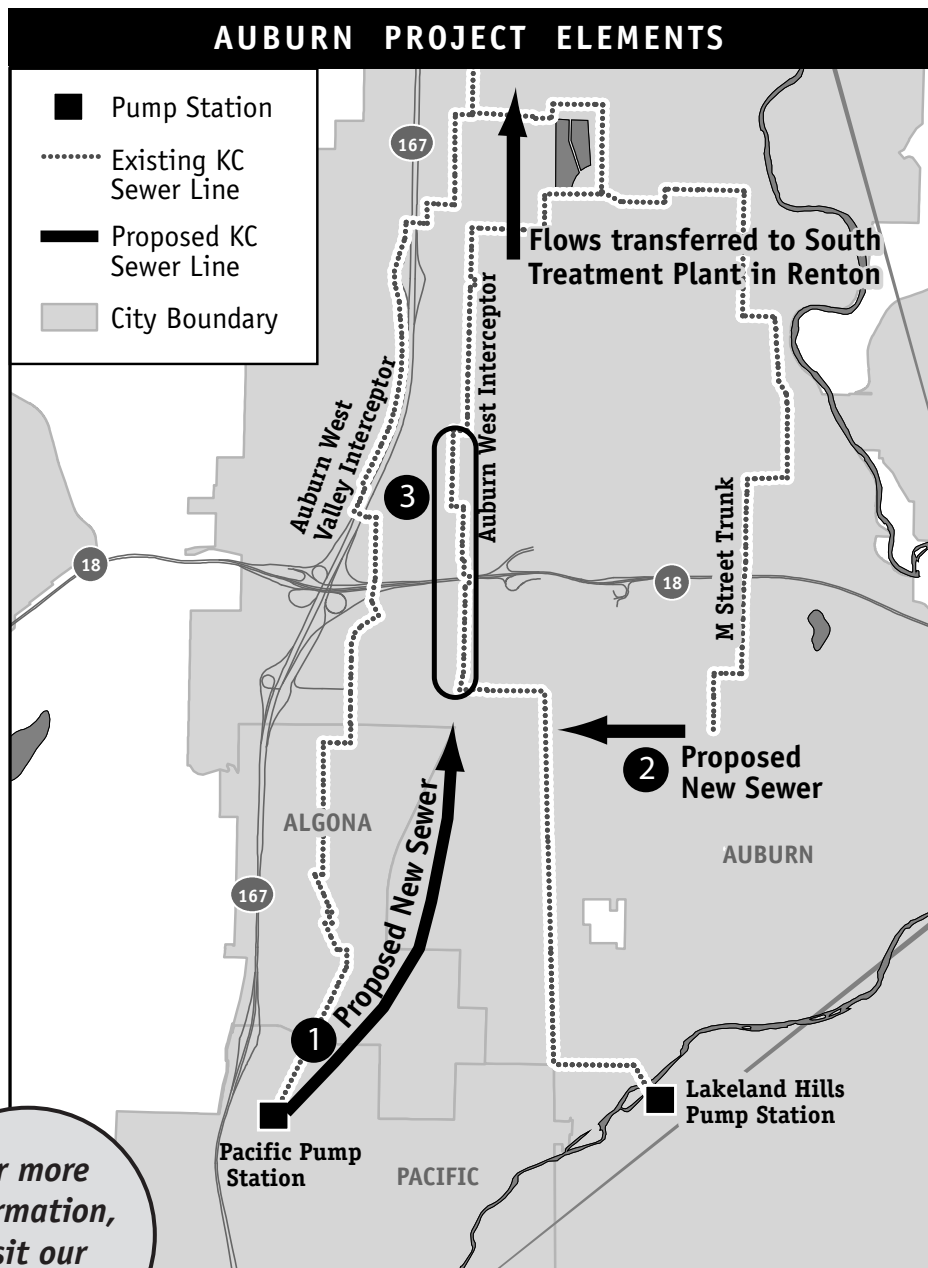
- 3 Increase capacity of Auburn West Interceptor**  
King County needs to increase the capacity of part of the Auburn West Interceptor between 15th Street Southwest and West Main Street. The existing pipe will be replaced or a second parallel pipe added.

## Your Comments and Ideas Are Welcome

King County is committed to being a good neighbor and welcomes your comments. Throughout the project we will work directly with the cities of Kent, Auburn, Algonia, and Pacific and the public to ensure that suggestions and concerns are addressed.

King County is evaluating alternative pipeline routes. As we develop alternatives, we will work with local jurisdictions, key stakeholders, and the public to identify potential community and environmental impacts—and ways to minimize them—early in the design process. This work will continue during environmental review, permitting, construction, and long-term operations and maintenance of the facilities.

*For more information, visit our Web site*



## For More Information

- For more information or to be added to the project mailing list, please call **Jennifer Kauffman** at **206-263-6029** or **711 TTY Relay** or e-mail [jennifer.kauffman@metrokc.gov](mailto:jennifer.kauffman@metrokc.gov)
- Visit the project Web site at: [www.dnr.metrokc.gov/wtd/projects/kent-auburn/](http://www.dnr.metrokc.gov/wtd/projects/kent-auburn/)



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